## **EAST Search History**

| Ref # Hits |                         | Search Query  | DBs                             | Default<br>Operator | Plurals | Time Stamp          |
|------------|-------------------------|---|---------------------------------|---------------------|---------|---------------------|
| S112       | 1                       | 10/586478   | US-PGPUB; OR ON USPAT; EPO; JPO |                     | ON      | 2009/03/09<br>21:23 |
| S113       | 1                       | "5629911".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2009/03/10<br>17:59 |
| S114       | 15                      | ("4652737"   "4724533"<br>  "4742218"  <br>  "5004326"   "5126988"<br>  "5144606"  <br>  "5200942").FN. OR<br>("5629911").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR                  | ON      | 2009/03/10<br>18:02 |
| S115       | 824                     | 369/44.41.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2009/03/10<br>18:19 |
| S116       | 13                      | ("4667316"   "4695992"<br>  "4775968"  <br>"4787076"   "5113378"<br>  "5130965"  <br>"5140577").PN. OR<br>("5367512").URPN.     | US-PGPUB;<br>USPAT;<br>USOCR    | OR                  | ON      | 2009/03/10<br>18:56 |
| S117       | 188                     | 369/112.15.ccls.  | US-PGPUB;<br>USPAT;<br>USOOR    | OR                  | ON      | 2009/03/10<br>19:10 |
| S118       | 105                     | (partial\$2 near1 (light<br>beam)) same ((1st first)<br>near2 (layer)) same<br>((2nd second) near2<br>(layer))                  | US-PGPUB;<br>USPAT;<br>USOOR    | OR                  | ON      | 2009/03/11<br>10:13 |
| L1         | 12                      | "369".clas. and (partial<br>\$2 near1 (light beam))<br>same ((1st first) near2<br>(layer)) same ((2nd<br>second) near2 (layer)) | US-PGPUB;<br>USPAT;<br>USOOR    | OR                  | ON      | 2009/03/11<br>10:18 |
| L3         | \$4) near3 (light beam) |   | US-PGPUB;<br>USPAT;<br>USOCR    | OR                  | ON      | 2009/03/11<br>10:25 |

| L4  | 12  | "369".clas. and (sep\$1rat<br>\$4) near3 (light beam)<br>near5 ((1st first) near2<br>(layer)) near5 ((2nd<br>second) near2 (layer))<br>not (1 3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/11<br>10:31 |  |
|-----|-----|---|------------------------------|----|----|---------------------|--|
| L5  | 10  | "359".clas. and (sep\$1rat<br>\$4) near3 (light beam)<br>near5 ((1st first) near2<br>(layer)) near5 ((2nd<br>second) near2 (layer))<br>not (1 3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/11<br>10:35 |  |
| L6  | 20  | "359".clas. and (sep\$1rat<br>\$4) near3 (light beam)<br>near5 (two near2 layer)<br>not (1 3 4 5)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/11<br>10:40 |  |
| L8  | 18  | "359".clas. and (partial<br>\$2 near1 (light beam))<br>same ((1st first) near2<br>(layer)) same ((2nd<br>second) near2 (layer))<br>not (1 3 4 5 6)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/11<br>10:45 |  |
| L9  | 83  | ("359" "369").clas. and<br>knife same (two near2<br>layer) not (1 3 4 5 6 8)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/11<br>10:51 |  |
| L10 | 7   | ("359" "369").clas. and<br>knife same (two near2<br>(record\$5 writ\$4 data)<br>near2 (layer surface))<br>not (1 3 4 5 6 8)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/11<br>10:52 |  |
| L11 | 3   | ("359" "369").clas. and knife same ((1st first) near2 (record\$5 writ\$4 data) near2 (layer surface)) same ((2nd second) near2 (record\$5 writ\$4 data) near2 (layer surface)) not (1 3 4 5 6 8 10) | US-PGPUB;<br>USPAT;<br>USOOR | OR | ON | 2009/03/11<br>10:54 |  |
| L12 | 223 | ("359" "369").clas. and ((((photo\$3 light\$3)) near1 (detect\$4 sens \$4)) OR (photo\$1detect \$4 photo\$1sens\$4)) near3 between near5 ((focus\$4 condens\$4)                                     |                              | OR | ON | 2009/03/11          |  |

| L13 | 29   | ("359" "369").clas. and<br>(((photo\$3 light\$3)<br>near1 (detect\$4 sens<br>\$4)) OR (photo\$1detect<br>\$4 photo\$1sens\$4))<br>near3 between near5<br>(focus\$4 condens\$4)<br>near2 (point spot)                                    | US-PGPUB;<br>USPAT;<br>USOOR    | OR | ON | 2009/03/11<br>10:58 |
|-----|------|---|---------------------------------|----|----|---------------------|
| L14 | 1    | "5923632".pn.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2009/03/11<br>11:11 |
| L15 | 4983 | 369/112.\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOOR    | OR | ON | 2009/03/11<br>11:14 |
| L17 | 827  | 369/112.\$.ccls. and<br>(two 2nd second other<br>next) near2 ((record\$6<br>writ\$4 data) near1<br>(layer surface))   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2009/03/11<br>11:15 |
| L19 | 49   | 369/112.\$.ccls. and<br>(two 2nd second other<br>next) near2 ((record\$6<br>writ\$4 data) near1<br>(layer surface)) and<br>((partial) near3 (light<br>beam ray))  | US-PGPUB;<br>USPAT;<br>USOOR    | OR | ON | 2009/03/11<br>11:17 |
| L18 | 702  | 369/112.\$.ccls. and<br>(two 2nd second other<br>next) near2 ((record\$6<br>writ\$4 data) near1<br>(layer surface)) and<br>((partial split\$4) near3<br>(light beam ray))   | US-PGPUB;<br>USPAT;<br>USOOR    | OR | ON | 2009/03/11<br>11:17 |
| L20 | 880  | "369".clas. and (block\$4<br>absorb\$4) near2 (light<br>beam ray) and (sep\$1rat<br>\$4 near3 (light beam<br>ray))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/11<br>12:02 |
| L22 | 319  | "369".clas. and (((two<br>2nd second) near3<br>(information record\$6<br>writ\$4 data) near3<br>(layer surface)) and<br>(block\$4 absorb\$4)<br>near2 (light beam ray)<br>and ((sep\$1rat\$4 extract<br>\$4) near3 (light beam<br>ray)) | US-PCPUB;<br>USPAT;<br>EPO; JPO | OR | OS | 2009/03/11<br>12:03 |

| L21 | 345  | "369" clas. and ((two<br>2nd second) near3<br>(information record\$6<br>writ\$4 data) near5<br>(layer surface)) and<br>(block\$4 absorb\$4)<br>near2 (light beam ray)<br>and ((sep\$1rat\$4 extract<br>\$4) near3 (light beam<br>ray)) | US-PGPUB;<br>USPAT;<br>EPO; JPO | SIOCA |     | 2009/03/11<br>12:03 |
|-----|------|--|---------------------------------|-------|-----|---------------------|
| L25 | 1950 | 369/112.\$.ccls. and<br>((sep\$1rat\$4 extract\$4)<br>near3 (light beam ray))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR    | ON  | 2009/03/11<br>12:27 |
| L30 | 324  | 29 not 22  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR    | ON  | 2009/03/11<br>12:35 |
| L29 | 373  | 369/112.\$.ccls. and ((sep\$1rat\$4 extract\$4 sort\$4 isolat\$4 detach \$4) near3 (light beam ray wave)) and (between near5 (focus \$4 focal converg\$4 condens\$4) near5 (point dot area position\$4 locat \$4))                     | US PGPUB;<br>USPAT;<br>EPO; JPO | OR    | SON | 2009/03/11<br>12:35 |
| L31 | 5    | 369/112.\$.ccls. and<br>((sep\$1rat\$4 extract\$4<br>sort\$4 isolat\$4 detach<br>\$4) near3 (light beam<br>ray wave)) near3 (two<br>multiple three multi)<br>near1 layer\$2  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR    | ON  | 2009/03/11<br>13:39 |
| L38 | 1    | "20020070328".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR    | ON  | 2009/03/11<br>13:52 |
| L39 | 116  | kimura-shigeharu.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR    | ON  | 2009/03/11<br>13:53 |
| L40 | 17   | kimura-shigeharu.in.   | US-PGPUB;<br>USPAT              | OR    | ON  | 2009/03/11<br>13:54 |
| L42 | 2    | "1220210".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR    | ON  | 2009/03/11<br>14:02 |
| L43 | 2    | ("20030214898"<br>"20050122879").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR    | ON  | 2009/03/11<br>14:04 |

| L44 | 5 ( | ("5128914"   | "5986996" | US-PGPUB; | OR | ON | 2009/03/11 |
|-----|-----|--------------|-----------|-----------|----|----|------------|
|     |     | "6208596").  | .PN. OR   | USPAT;    |    |    | 14:14      |
|     | (   | ("6563099"). | URPN.     | USOOR     |    |    |            |

3/11/2009 5:05:46 PM

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